Info-Hams Digest   Mon, 20 Jun 94   Volume 94 : Issue 685

Today's Topics:
                              "73's"
                      * SpaceNews 20-Jun-94 *
                       Ham Radio in WA State
                    Icom (America) on Internet??
          Immediate licensing? Bad implementation.. Good idea
                          License Renewal
                       Local Radio Lisence NJ
                  Railroad track as an antenna?
                        Tech+ license issued.
                       Tech. exam wanted in MKE
                  The Gettysburg Address (2 msgs)
              Transmission Line Impedance: Why so many?
                       UL7CQ HELP info please
        You know its time to retire from the hobby when ... (fwd)

Hi Folks,

I always thought, this kind of discussion is only possible in Germany.
You do better.   :-)

vy 73,

    Michael, DL2EBX

    Michael_Link@solaris.oche.de
    Michael_Link@ac2.maus.de

+-CookieCrumb---CM v3.15 ST-+
| The reasonable man adapts himself to the world. The unreason- |
| able man persists in trying to adapt the world to himself. |
| Therefore all progress depends on the unreasonable man. |
+--+

SB NEWS @ AMSAT $SPC0620
* SpaceNews 20-Jun-94 *

BID: $SPC0620

                          =========
                          SpaceNews
                          =========

                     MONDAY JUNE 20, 1994

SpaceNews originates at KD2BD in Wall Township, New Jersey, USA. It is
published every week and is made available for unlimited distribution.

* IMPACT WITH JUPITER *
========================
JPL's Galileo spacecraft is scheduled to observe 16 of the 21 possible
impacts of the fragments of Comet Shoemaker-Levy-9 with Jupiter this July,
according to project scientist Dr. Torrence Johnson. Galileo is scheduled

to observe 16 of the 21 possible impacts of the fragments of Comet
Shoemaker-Levy-9 with Jupiter this July.

Galileo, however, won't be alone in keeping its eyes on Jupiter. Although
the Galileo spacecraft will be in the best position to view Comet
Shoemaker-Levy-9's impact with Jupiter, Voyager 2 and the Ulysses spacecraft
will record various measurements from the event.

On its way out of the solar system, Voyager 2 will be heading south, about
6 billion kilometers (3.7 billion miles) from Jupiter, and will have the
comet's impact sites in its line of sight. The spacecraft will observe with
its ultraviolet spectrometer and planetary radio astronomy instrument, and
numerical data will be returned in real time.

The Ulysses spacecraft, on its way to explore the sun's polar regions, will
be able to make measurements of radio and plasma waves from the comet's
impact from its position at about 75 degrees south of the sun's equator and
about 800 million kilometers (500 million miles) from Jupiter.

JPL's Deep Space Network facility at Goldstone, California will perform
radio astronomy on the synchrotron emission from Jupiter's radiation belt,
looking for disturbances caused by Shoemaker-Levy dust.

[Info via Ron Baalke at JPL]

* MIR NEWS *
============
Progress M-23 docked with the Mir complex at 0618 UTC on May 24. The EO-15
commander and flight engineer, Viktor Afanas'ev and Yuriy Usachyov, will be
replaced this month by the EO-16 crew, Yuriy Malenchenko and Talgat
Musabaev, who will be launched on the Soyuz TM-19 ferry ship on June 20.
Physician-cosmonaut Valeriy Polyakov will remain aboard Mir. Both
Malenchenko, a Russian Air Force cosmonaut, and Musabaev, a Kazakh Space
Agency cosmonaut, will be on their first flights.

[Info via Jonathan McDowell]

* AO-10 NEWS *
==============
JH0OTM in Japan reports getting a strong return downlink from AMSAT-OSCAR-10
on 13-Jun-94 at 23:30 UTC. The beacon carrier on 145.810 MHz was also
strong at a range of 23000 km. With signals from AO-10 steadily improving,
JH0OTM is looking forward to making contacts via AO-10's Mode B transponder.

* DOVE NEWS *

==============
DOVE-OSCAR-17 continues to exercise its voice capabilities. Downlinks
can be heard on 145.825 MHz FM. The following packet frame was received
from by spacecraft by KD2BD late last week:

DOVE-1>BRAMST <UI>:

Greetings to attendees at the ARRL National Convention and
Education Forum from the DOVE Command Team
(WD0E)

* SPACE CALENDAR *
==================
The following is a tentative calendar of space related events for the
next several weeks.

Jun 20-23 - International Conference of Environmental Systems, Germany
Jun 24 - UHF Follow-On Atlas Launch
Jun 24 - Soyuz TM-19 Launch (Russian)
Jun 25-26 - Space Auction, Superior Galleries, Beverly Hills, California
Jun 25-26 - Universe 94 Conference, Flagstaff, Arizona
Jun 27 - Ulysses, Begin of 1st Solar Passage (-70.07 degrees latitude)

Jul 04 - Soyuz TM-18 Landing (Russian)
Jul 08 - STS-65, Columbia, International Microgravity Lab #2 (IML-2)
Jul 09 - 15th Anniversary (1979), Voyager 2, Jupiter Flyby
Jul 11 - 15th Anniversary (1979), Skylab Re-enters Earth's Atmosphere
Jul 16-22 - Comet Shoemaker-Levy 1993e Collision with Jupiter
Jul 16 - 25th Anniversary (1969), Apollo 11 Launch
Jul 20 - 25th Anniversary (1969), Man on the Moon (Apollo 11)
Jul 28 - 30th Anniversary (1964), Ranger 7 Launch (Moon Impact Mission)
Jul 28 - DirectTV Atlas II Launch
Jul 31 - 25th Anniversary (1969), Mariner 6, Mars Flyby

[Info via Ron Baalke at JPL]

* FO-20 NEWS *
==============
On 19-May-94, the FO-20 command station announced that a problem exists
in FO-20's onboard computer system. The satellite's transponder will
remain in the analog mode (JA) until further notice.

[Info via Kazu Sakamoto, JJ1WTK]

* THANKS! *

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Thanks to all those who sent messages of appreciation to SpaceNews,
especially:


          N1OHJ      ON1EN      VK3DHT      KJ5TF      VK5KCI



* FEEDBACK/INPUT WELCOMED *
===========================
Mail to SpaceNews should be directed to the editor (John, KD2BD) via any
of the following paths:


FAX      : 1-908-747-7107
PACKET   : KD2BD @ N2KZH.NJ.USA.NA
INTERNET : kd2bd@amsat.org -or- magliaco@pilot.njin.net

MAIL     : John A. Magliacane, KD2BD
           Department of Engineering and Technology
           Advanced Technology Center
           Brookdale Community College
           Lincroft, New Jersey  07738
           U.S.A.


      <<=- SpaceNews: The first amateur newsletter read in space! -=>>


/EX

--
John A. Magliacane, KD2BD   * /\/\ * Voice   : 1-908-224-2948
Advanced Technology Center  |/\/\/\| Packet  : KD2BD @ N2KZH.NJ.USA.NA
Brookdale Community College |\/\/\/| Internet: magliaco@pilot.njin.net
Lincroft, NJ  07738          * \/\/ * Morse   : -.-  -..  ..---  -...  -..

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Date: 20 Jun 1994 12:33:39 GMT
From: ihnp4.ucsd.edu!usc!howland.reston.ans.net!spool.mu.edu!nigel.msen.com!ilium!
gdls.com!usenet@network.ucsd.edu
Subject: Ham Radio in WA State
To: info-hams@ucsd.edu


I'm relocating to Washington (Enumclaw area) and I'd like to correspond
with someone in Washington about the state of ham radio there.

I noticed from a quick look in the repeater directory that there seems to
be a significantly greater number of 440 repeaters in the state than 2
meters.  Is this the case?
```

Also, if someone knows of a ham radio club in the area I'd really
appreciate it.

The ham license plates has been covered here, thanks.

Anything else would be appreciated.

73's

Bill

Date: 20 Jun 1994 06:20:03 -0700
From: network.ucsd.edu!not-for-mail@network.ucsd.edu
Subject: Icom (America) on Internet??
To: info-hams@ucsd.edu

Does anyone have an email address for Icom? Please email if you do.

Brent Jones
brent@network.ucsd.edu

Date: 20 Jun 1994 12:13:07 -0400
From: newstf01.cr1.aol.com!search01.news.aol.com!not-for-mail@uunet.uu.net
Subject: Immediate licensing? Bad implementation.. Good idea
To: info-hams@ucsd.edu

In article <2u37p3$i3r@illuminati.io.com>, hoagy@illuminati.io.com
(Sir Hoagy) writes:

>>>
And the fcc, still, would be taking 10 [...] additional
weeks from the time the VEC submits it.
<<<

I believe that if the VEC submits on paper, the FCC has to manually
process that paper... if it is electronic, then there is less paper
shuffling at the FCC. That would allow the FCC to go faster.

Jose KD1SB

Date: Mon, 20 Jun 1994 01:57:00 GMT

From: ihnp4.ucsd.edu!usc!howland.reston.ans.net!usenet.ins.cwru.edu!lerc.nasa.gov!
kira.cc.uakron.edu!malgudi.oar.net!witch!doghouse!jsalemi@network.ucsd.edu
Subject: License Renewal
To: info-hams@ucsd.edu

In article <H.eg.x&mcI8E05Ks@harvee.billerica.ma.us>, Eric S Johansson
(esj@harvee.billerica.ma.us) writes:
>I did that (610, 90 days prior...) and my license just expired on the 15th
>of june with no sign of a renewal.... when should I panic?
>

Don't worry; according to Part 97, you sent your renewal in on time,
and can continue operating until your new license arrives. Panic if
you don't see it by the middle of July (or at least call the FCC in
Gettysburg).

73...joe

Joe Salemi, KR4CZ   Internet: jsalemi@doghouse.win.net
Compuserve: 72631,23   FidoNet: 1:109/136   MCI Mail: 433-3961

Date: Mon, 20 Jun 1994 13:59:21 GMT
From: walter!dancer.cc.bellcore.com!not-for-mail@uunet.uu.net
Subject: Local Radio Lisence NJ
To: info-hams@ucsd.edu

In article <00013664.fc@synergy.org>, Mike Kuenne <Kuenne@synergy.org> wrote:
>Does anyone know if the FCC (I'm in the State on NJ so they might have their own
>laws) requires me to register my 2 way radio. I use it for Fire/EMS here in NJ,
>but no one on the squad knows if I have to register it since it is my own, and
>not theirs. Please respond to: Kuenne@synergy.org   Thanks a lot!!!
>-Mike Kuenne

To the best of my knowledge, your use of the radio is covered under
the license issued to your township for their use of the particular
Fire/EMS frequency(s) they are allowed to operate on. No individual
license (neither Federal or State) is required. Neither the feds
nor the state care about who actually owns the actual equipment,
although the feds do care about that the radio is appropriately
FCC approved (type accepted) for the purpose you are using it for.

Hope that helps,

Standard Disclaimer- Any opinions, etc. are mine and NOT my employer's.

Bill Sohl (K2UNK) BELLCORE (Bell Communications Research, Inc.)
Morristown, NJ   email via UUCP   bcr!cc!whs70
201-829-2879 Weekdays   email via Internet whs70@cc.bellcore.com

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Date: Mon, 20 Jun 1994 01:59:10 GMT
From: usc!nic-nac.CSU.net!charnel.ecst.csuchico.edu!yeshua.marcam.com!
zip.eecs.umich.edu!newsxfer.itd.umich.edu!europa.eng.gtefsd.com!
howland.reston.ans.net!usenet.ins.cwru.edu!@ihnp4.ucsd.edu
Subject: Railroad track as an antenna?
To: info-hams@ucsd.edu

In article <9TB7Nc2w165w@stat.com>, David Dodell (david@stat.com) writes:
>I always thought that their was some type of low voltage put down
>railroad lines to check for continuity, or for signaling?
>

I believe most railroads have switched to sensors, and don't even try
to put voltage on the tracks anymore. And there aren't any continuity
checks, or that Amtrak accident on the bridge last year wouldn't have
happened.

73...joe

Joe Salemi, KR4CZ   Internet: jsalemi@doghouse.win.net
Compuserve: 72631,23   FidoNet: 1:109/136   MCI Mail: 433-3961

Date: 20 Jun 1994 17:34:34 GMT
From: news2.near.net!info-server.bbn.com!news!levin@yale.arpa
Subject: Tech+ license issued.
To: info-hams@ucsd.edu

In article <1994Jun18.015702.17911@mixcom.mixcom.com> kevin jessup
<kevin.jessup@mixcom.mixcom.com> writes:
   In <2tst1c$7c6@news.ysu.edu> au919@yfn.ysu.edu (William E. Lindberg) writes:
   >issued to me with a class of 'TECH PLUS'! I had passed my 5 wpm cw test
   >in March
   When did this go into effect? I passed my 5 WPM in January. I have

received nothing from the FCC. The VEC just sent me home with the
CSCE and said they did not have to send anything in.

I believe this started in March when the FCC began accepting the new
(current) form 610 (and ONLY that form). If you were to move, say,
and submit a photocopy of your CSCE with one of your license and a
change-of-address 610, I'll bet you'd get a new license that said Tech
Plus, too.

     /JBL
=
Nets: levin@bbn.com | "A religion that must depend upon the state to do
pots: (617)873-3463 | what it cannot do is not worthy of existence."
KD1ON (@KB4N.NH.USA) | -- Robert H. Meneilly

Date: 20 Jun 1994 14:59:51 GMT
From: ihnp4.ucsd.edu!usc!howland.reston.ans.net!spool.mu.edu!chaos.mcs.mu.edu!
ryan@network.ucsd.edu
Subject: Tech. exam wanted in MKE
To: info-hams@ucsd.edu

I'd like to take a no-code technician exam in the Milwaukee area within
the next month or so. I checked the arrl.org infoserver, but I never
saw any listed in Milwaukee... we have quite a few clubs in the area,
so I'd expect this is just a omission, right?

Also, are there any other question sets available to study from, other
than the one on info.arrl.org? What percentage of questions
do you have do get correct to pass?

Thanks for all the help...

--

  Ryan K. Brooks   ryan@chaos.mcs.mu.edu
  "Is is and isn't isn't."

Date: Mon, 20 Jun 94 09:09:00 -0500
From: ihnp4.ucsd.edu!library.ucla.edu!europa.eng.gtefsd.com!sundog.tiac.net!
usenet.elf.com!rpi!psinntp!uu0981!webb.linzmayer@network.ucsd.edu
Subject: The Gettysburg Address
To: info-hams@ucsd.edu

hi

my license expires in a few weeks

i need to know the address (& fone # would be welcome too if avail)
for the FCC Gettysburg PA facility

so i can renew

thanks in advance to anyone who can help

73, Webb   WA2MOT

 ___   ___   ___
| __| | | | _| S Y N E R G Y   O N L I N E ## webb.linzmayer@syncomm.com
|__ | | | | | | |_   ## Webb Linzmayer
|___| |___| |___| C O M M U N I C A T I O N S ## 201.331.1797 (data)
[30 lines; 14.4K BPS; 15.0 gigabytes; PCBoard 15.1; New Jersey's Largest BBS]

Date: 20 Jun 1994 16:49:27 GMT
From: ihnp4.ucsd.edu!library.ucla.edu!europa.eng.gtefsd.com!
howland.reston.ans.net!cs.utexas.edu!geraldo.cc.utexas.edu!tivoli.tivoli.com!
wichita!kilgore@network.ucsd.edu
Subject: The Gettysburg Address
To: info-hams@ucsd.edu

In article <41.8358.2862@syncomm.com>, webb.linzmayer@syncomm.com (Webb Linzmayer)
writes:
|> hi
|>
|> my license expires in a few weeks
|>
|> i need to know the address (& fone # would be welcome too if avail)
|> for the FCC Gettysburg PA facility
|>
|> so i can renew
|>
|> thanks in advance to anyone who can help
|>
|> 73, Webb   WA2MOT
|>
|> ___   ___   ___
|> | __| | | | _| S Y N E R G Y   O N L I N E ## webb.linzmayer@syncomm.com
|> |__ | | | | | | |_   ## Webb Linzmayer
|> |___| |___| |___| C O M M U N I C A T I O N S ## 201.331.1797 (data)
|> [30 lines; 14.4K BPS; 15.0 gigabytes; PCBoard 15.1; New Jersey's Largest BBS]

The address is:

Federal Communications Commission
1270 Fairfield Road
Gettysburg, PA 17325-7245

Sorry, I don't have the phone number here. Make sure you use the proper Form
610; it should be marked November 1993 in the lower right-hand corner. The
FCC will not accept previous a previous version of Form 610.

73,
Jeff

Date: 20 Jun 1994 13:10:08 GMT
From: ihnp4.ucsd.edu!library.ucla.edu!agate!spool.mu.edu!torn!news.unb.ca!
jupiter.sun.csd.unb.ca!a4q4@network.ucsd.edu
Subject: Transmission Line Impedance: Why so many?
To: info-hams@ucsd.edu

It seems that there are so many transmission lines impedances (i.e 50, 75,
300 ohms).
Is there a technical reason for this or was it merely a development of
different standards?

Don Trynor VE9NZ

--

Donald J. Trynor EE	" I`ve got a strong urge to fly...
University of New Brunswick	...but I've got no where to fly to."
A4Q4@JUPITER.SUN.CSD.UNB.CA	

Date: 20 Jun 1994 11:40:51 GMT
From: ihnp4.ucsd.edu!library.ucla.edu!europa.eng.gtefsd.com!
howland.reston.ans.net!pipex!uknet!keele!potter!poa01@network.ucsd.edu
Subject: UL7CQ HELP info please
To: info-hams@ucsd.edu

Can anyone please assist with information about UL7CQ Uri, worked
on 6 metres: grid locator, town, qsl route or any other info sought,
as he faded out after exchange of reports. Is UL7 what used to be UI8 or
is UL7 still the old UL7 before the prefix shakeup?

Martin G3USF poa01@keele.ac.uk

Date: 20 Jun 1994 08:00:10 -0500
From: ihnp4.ucsd.edu!usc!cs.utexas.edu!not-for-mail@network.ucsd.edu
Subject: You know its time to retire from the hobby when ... (fwd)
To: info-hams@ucsd.edu

I send "CQ" on my car horn to get my wife's attention when I pick her up
from work.

--Steve Hideg, N8HSC.

Date: Mon, 20 Jun 1994 12:46:16 GMT
From: ihnp4.ucsd.edu!swrinde!emory!rsiatl!ke4zv!gary@network.ucsd.edu
To: info-hams@ucsd.edu

References <2tmvvu$1ql@cville-srv.wam.umd.edu>, <CrLInz.845@world.std.com>,
<ke4dpx.8.00071ACE@gregl.slip.iglou.com>
Reply-To : gary@ke4zv.atl.ga.us (Gary Coffman)
Subject : Re: IMMEDIATE LICENSING? Bad implementation. Good idea.

In article <ke4dpx.8.00071ACE@gregl.slip.iglou.com> ke4dpx@gregl.slip.iglou.com
(Greg Law) writes:
>In article <CrLInz.845@world.std.com> dts@world.std.com (Daniel T Senie) writes:
>>Of course you would not mind the examination fee being raised to $25 or
>>$50 per exam so that VE teams could recoup the cost of the computers, right?
>>We who serve as VEs certainly would like to find workable ways to cut down
>>license delays, but keep in mind that we are volunteers. My team does
>>contribute our own pens, paper, etc., but don't necessarily have a laptop
>>computer handy. Many of the test sites have no phones. Sure we could use
>>cell phones in some places (where there is cell phone service), but that
>>can cost quite a bit, and data over cell phones is not the best...
>
>I have to agree, and this is the same argument I've used locally about having
>the VEs electronically submit applications. While some VE teams may be able to
>afford a computer and a modem, it certainly doesn't apply to all VE teams. And
>while having the VEs submit electronic forms to the VEC within 48 hours would
>get around the problem of not having access to a phone at the testing site, it
>still doesn't get around the monetary problem of buying the necessary
>equipment.

Both of you seem to be working under the assumption that *every* VE
team would have to use electronic filing. That's not necessarily the
case. Obviously, those VE teams who have the capability would be more

popular among impatient applicants than those who didn't, but that's
the free market at work.

>On the other hand, I don't see any reason the VECs could not file
>electronically - for what it's worth.

It's worth about 2 weeks for the ARRL VEC. All the VE documents have
to be keypunched into the ARRL computer for verification, then the
paper is forwarded to the FCC where it's keypunched *again*. Any
time keypunching can be reduced, delays will be reduced. Having the
VECs submit on disk should drop the delay at the FCC to a couple of
days, and moving the keypunching out to the VEs should cut the 2 week
delay at the VEC to a couple of days. Add a week for the US Mail,
and an application should the processed, and the license mailed and
received in 2 weeks tops. That's a reasonable turnaround time.

Gary
--
Gary Coffman KE4ZV | You make it, | gatech!wa4mei!ke4zv!gary
Destructive Testing Systems | we break it. | uunet!rsiatl!ke4zv!gary
534 Shannon Way | Guaranteed! | emory!kd4nc!ke4zv!gary
Lawrenceville, GA 30244 | |

Date: Mon, 20 Jun 1994 12:26:27 GMT
From: newsgate.melpar.esys.com!melpar!phb@uunet.uu.net
To: info-hams@ucsd.edu

References <1994Jun15.101430.17147@ke4zv.atl.ga.us>, <phb.771712347@melpar>,
<CrK4FD.8q4@indep1.chi.il.us>a
Subject : Re: VHF Maritime Outrage!!

clifto@indep1.chi.il.us (Clifton T. Sharp) writes:

>In article <phb.771712347@melpar> phb@syseng1.melpar.esys.com (Paul H. Bock)
>writes:
>>   I disagree. It hasn't been that long since there was a fee for
>>a ham license, with the fee varying by class. Renewals, address changes,

>   When was this? I remember a $4 fee, a $8 fee and a $20 fee, but never
>one that varied by class.

     Please see my follow-up post which clarified the fees; they were
about $4, $6, $9, and $25, and they did not vary by license class but
only by the "action performed", i.e., application for a license, renewal,
change of address and special callsign. Sorry for the confusion.

```
(|_|)  Paul H. Bock, Jr. K4MSG     Internet: pbock@melpar.esys.com
 | |)  Principal Systems Engineer  Telephone: (703) 560-5000 x2062

   "You can have my bug when you can pry my cold, dead fingers from
    around it....." - anonymous radiotelegraph operator
```

End of Info-Hams Digest V94 #685
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